



V-DA-8-16 16-Channel Video Distribution Amplifier

- Jumper configurations from 1 in/2 out modules to 1 in/16 out
- Wide bandwidth supports high-resolution video
- Desktop or standard 19" rack mounting
- Attractive and rugged aluminum case

Vicon's V-DA-8-16 Video Distribution Amplifier (DA) provides a maximum of 16 outputs with configurations in 4 in/8 out, 8 in/16 out, 2 in/4 out, 4 in/8 out, 1 in/16 out and 1 in/8 out. Each input channel is equally distributed to the output channels. All configurations are set via a bank of internal jumpers. The DA boasts a wide 20 MHz bandwidth suitable for all high-resolution video applications. The DA is housed in a rugged aluminum housing and is equipped with a low voltage power supply. It is for indoor use only.

The V-DA-8-16 Video Distribution Amplifier meets requirements for a CE device (EN-50081-1, EN 55011 class B, EN 50082-2, EN 61000-4-2, -3, -4, -6, EN 50204, EN 60950 and EN 60065.

TECHNICAL INFORMATION

ELECTRICAL

Input Voltage: 12 VDC, using provided power supply; 120 VAC/60 Hz or 230 VAC/50 Hz.

Current: 0.2 A nominal @ 12 VDC.

Power Consumption: 2.4 W.

Heat Equivalent: 0.14 btu/min (0.03 kg-cal/min).
 Note: These figures represent the conversion of 100% of the electrical energy to heat. Actual percentage of the heat generated will be less and will vary from product to product. These figures are provided as an aid in determining the extent of cooling required for an installation.

Number of Video Inputs: 1, 2, 4 or 8.

Number of Video Outputs: 2, 4, 8 or 16.

Input Signal: 1 V p/p at 75 ohms.

Output Signal: 1 V p/p at 75 ohms.

Frequency (Bandwidth): 20 MHz at 3 dB points.

Signal-to-Noise Ratio: Greater than 56 dB.

Scanning System: EIA/NTSC; 625 lines, 60 Hz
 CCIR/EIA; 525 lines, 50 Hz

MTBF: 120,000 hours.

Compliance Standards: EN-50081-1, EN 55011 class B, EN 50082-2, EN 61000-4-2, -3, -4, -6, EN 50204, EN 60950 and EN 60065.

CONNECTORS

Video In: BNC-F on rear panel.

Video Out: BNC-F on rear panel.

Power: Coaxial style jack on rear panel.

MECHANICAL

Application: Indoor.

Dimensions: Height (H): 1.85 in. (47 mm).
 Width (W): 17.3 in. (440 mm).
 Depth (D): 5.0 in. (127 mm).

Weight: 3.5 lb (3.2 kg).

Construction/Finish: Aluminum extrusion; black plastic end caps.

Shipping Dimensions: Height: 4.0 in. (102 mm).
 Width: 22.0 in. (559 mm).
 Depth: 8.0 in. (204 mm).

Shipping Weight: 5.5 lb (2.5 kg).

Shipping Volume: 0.4 ft³.

ENVIRONMENTAL

Operating Temperature Range: 14 to 140° F (-10 to 60° C).

Humidity Range: Up to 90%, relative.

IP Rating: IP 40, Class III

